Public Health Reports.

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UNITED STATES.

[Reports to the Supervising Surgeon-General United States Marine-Hospital Service.]

Report on the smallpox outbreak at Key West.

CAMP PATTERSON,
Key West, Fla., August 19, 1896.

SIR: I have the honor to report good progress at the camp under my command. All smallpox patients have practically recovered, save 2, and been discharged except 13. Eleven of these will probably be dismissed on or about Friday next. There remain under suspicion to-day 14 persons, of whom I expect to dismiss 7 on Monday next, unless there are cases developed in the meantime. Provided no cases should occur among these suspects, it is reasonable to conclude that all patients and suspects may be dismissed by August 30, and I will then devote probably three days to a thorough disinfection of hospital and contents, tents and flies, and cleaning of grounds, and turn over the property to the State in good sanitary condition. There has been no new case in the city since July 27, but several extremely difficult decisions have been involved in the diagnosis of smallpox from pemphigus and herpes iris in young negroes. Up to date, neither Dr. Porter nor I have been able to learn anything reliable about the origin of this outbreak, although every effort has been made to do so, and can only surmise that a case of varioloid may have left some outside point just after infection and arriving here, had the disease several days later, and of so mild a type as to escape notice.

Very respectfully,

J. H. WHITE,
Passed Assistant Surgeon, U. S. M. H. S.

CAMP PATTERSON,
Key West, Fla., August 24, 1896.

Discharged 8. Hope to close hospital on Wednesday and whole camp Saturday. No new cases.

J. H. WHITE,
Passed Assistant Surgeon, U. S. M. H. S.

Last case of smallpox in Shreveport discharged from pesthouse.

SHREVEPORT, LA., *August 15, 1896.*

SIR: I am informed by Dr. J. F. O'Leary, city physician, that the pesthouse, of which he has had charge since the outbreak of smallpox in this city February 26 last, was closed last week. The last case having recovered and completed the postconvalescent period, was discharged. I will obtain an official record from the doctor and forward it early the coming week, but I am of the opinion that the only change from the synopsis forwarded July 16 last, viz, "under treatment, 3 (all in pesthouse), is 3 recoveries. Of this I am not positive. I have, at Surgeon R. D. Murray's, M. H. S., request, furnished him with as full and complete report of pertinent financial and statistical data as I have been able to obtain from the city of Shreveport, parishes of Caddo (in which this city is) and Bossier, La. While other parishes in this immediate vicinity suffered from one or more cases, I have been totally unable to receive an answer to my several letters to the clerk of the police jury of each of these parishes, notwithstanding the fact I have written each no less than three times. Thus it is the absence of such a report from this office. Should subsequent cases appear, either here or in the immediate vicinity, will promptly apprise you of any facts, etc., I may be able to obtain.

I am, sir, very respectfully, A. R. BOOTH,
Acting Assistant Surgeon, U. S. M. H. S.

Report on smallpox in Mobile, Ala.

MOBILE, ALA., *August 10, 1896.*

SIR: I have the honor to report that the case of smallpox (Mollie Parker, of Pensacola) which was discovered at Magazine Point, in Mobile County, and sent to the pesthouse July 5, has recovered and was discharged yesterday. This closes the record for this city and county for this season, and a recounting of the procedures will be interesting.

Mobile City, 6 cases admitted; 5 recovered, 1 died.

Mobile County, 2 cases admitted; 1 recovered, 1 died.

The first case (M. E.) occurred on March 10, soon after his arrival from New Orleans; his partner went to Pensacola and died there.

The second case (H. W.) came from New Orleans and was discovered March 13. The third case (M. G.) was discovered March 15 and died April 12; claimed to have come from Pensacola, but there must be an error here, for Pensacola's first case was on March 16. The fourth, fifth, and sixth cases came from New Orleans, 2 via Biloxi and 1 via Meridian. The seventh case occurred in a man who lived here (the only locally developed case), and the origin is still a mystery. The last case came from Pensacola, where she had been in attendance on her brother—the barber and a consumptive—who died in Pensacola June 27.

The city health officer, Dr. Abrahams, and the county health officer, Dr. Acker, deserve great credit for their promptness, alertness, and success in managing the situation and the cases. It cost $35 to convey the first case to the pesthouse, $15 for use of team and $20 for the driver. The money was fully earned, as the night was rainy and cold, and the team got away from the driver while he was unloading his charge, compelling him to walk the 5 miles back to the city. The patient recovered.

During 1874 and 1875 smallpox existed here for nineteen months;

from April to October, 1874, there were 75 cases scattered through the months; no cases some months; in November there were 293 cases; in December, 253; in January, 1875, 143; in February, 131; in March, 75. In the months including April and October the cases varied from 13 to 2 per month, a total of 59 being reported. The death rate during this outbreak was large.

There were no more cases until April, 1876, when there was 1 case.

In December, 1876, 5 cases were reported, and including March, 1877, a total of 14 cases.

In 1884, from February to June, 43 cases were reported. In 1891, 1 case was discovered—an importation from Houston, Tex.

When the health officers referred to became aware of the persistence of the disease in the origin point (New Orleans), prompt measures were begun to protect the citizens of the city and county. Medical inspectors and guards were located at a camp on the Mississippi line, with instructions to board trains and stop suspects, or prevent them from getting off in Mobile. At first the inspectors stopped the trains, but later went west to Scranton and made the inspections en route to the Alabama line. The period of train inspections was from March 16 to June 2. [Cost is given later.] No fares were paid. Free vaccination was ordered, and in a great measure was made compulsory. One thousand three hundred and seventy-five were vaccinated in the board of health office, 2,591 by 4 paid physicians, 330 in public institutions, and 206 by the Marine-Hospital Service, a total of 4,502, besides the work done by the local physicians, and the 200 or so vaccinated at Magazine Point on the discovery of the last case July 5.

The Mobile pesthouse is situated 5 miles from the city, and is owned jointly by the city and county. It is built in the form of a letter T; has eight rooms and will accommodate 40 patients. There are no isolation or convalescent outbuildings. The furniture is meager, but thus far little has been needed. A care taker is kept on duty at the place so that it may be considered to be always ready for the reception of patients.

The cost from March 10 to August 9 was $2,275.36, distributed as follows:

City share: Pesthouse expenses, $323.25; train inspection service, $525.73; vaccinations, $610; total, $1,458.98.

County share: Pesthouse expenses, $130.65; train inspection service, $525.73; vaccinations, $160; total, $816.38.

For the number of cases the cost was relatively large, but the absence of public alarm and dread, and the saving of life of the people of Mobile city and county, and the untrammeled trend of all necessary business fully compensated in every way for the expenditure.

Very respectfully, your obedient servant,

R. D. MURRAY,
Surgeon, U. S. M. H. S.

*Smallpox in the United States as reported to the Supervising Surgeon-General United States Marine-Hospital Service, May 9, 1896, to August 27, 1896.**

Places.	Date.	Cases.	Deaths.	Remarks.
Alabama:				
Mobile County	June 5	1		
	July 5	1		
Florida:				
Key West	June 25-Aug. 3	32	8	
Pensacola	May 20-July 4	5	2	
	July 11-July 18	1		
Indiana:				
Indianapolis	May 29	1		
Louisiana:				
New Orleans	May 9-July 18	83	24	
	July 25-Aug. 22	7	2	
Shreveport	May 16-May 30	2		
	June 6-June 13	6		
New York:				
New York	May 1-May 31	1	1	
North Hempstead	do	1		
Ohio:		1		
Dayton	May 28-June 4	1	1	
	June 18-June 25	1	1	
	July 2-July 9		1	
Tennessee:				
Memphis	May 1-May 30	10		
Shelby County (not including Memphis).	May 1-May 31	8	2	
	June 1-June 30	3		
	July 1-July 31	5	2	
Tipton County	June 1-June 30	14	2	
	July 1-July 31	8		
Washington:				
Seattle	May 23	1		Case occurred April 27 now convalescent.

* For table of smallpox in the United States, etc., December 26, 1895, to May 9, 1896, see PUBLIC HEALTH REPORTS No. 23.

Report of immigration at Boston for the week ended August 22, 1896.

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
Port of Boston, August 23, 1896.

Number of alien immigrants who arrived at this port during the week ended August 22, 1896; also names of vessels and ports from which they arrived.

Date.	Vessel.	Where from.	No. of immigrants.
1896			
Aug. 16	Steamship Pavonia	Liverpool and Queenstown	244
Do.	Steamship Yarmouth	Yarmouth	155
Aug. 17	Steamship Halifax	Halifax	51
Do.	Steamship Brookline	Port Antonio	1
Do.	Schooner Nutwood	New Carlile	2
Aug. 18	Schooner Golden Hind	Port Daniel	2
Do.	Steamship Asturia	Hamburg	67
Aug. 19	Steamship Olivette	Halifax	39
Do.	Steamship Boston	Yarmouth	47
Do.	Steamship Ethelwold	Jamaica	1
Aug. 20	Steamship Armenian	Liverpool	1
Do.	Steamship Virginian	London	2
Do.	Steamship Yarmouth	Yarmouth	121
Do.	Schooner Pleasantville	Liverpool	2
Aug. 21	Schooner Princess	Port Gilbert	1
Do.	Brig Sirius	St. John	1
Aug. 22	Steamship Olivette	Halifax	25
Do.	Steamship Boston	Yarmouth	58
	Total		820

THOMAS F. DELHANTY,
Commissioner of Immigration.

Report of immigration at New York for the week ended August 22, 1896.

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
Port of New York, August 24, 1896.

Number of alien immigrants who arrived at this port during the week ended August 22, 1896; also names of vessels and ports from which they arrived.

Date.	Vessel.	Where from.	No. of immigrants.
1896.			
Aug. 16	Steamship La Gascogne	Havre	208
Do.	Steamship Neustria	Naples, etc.	383
Do.	Steamship Furnessia	Glasgow	158
Aug. 17	Steamship Zaandam	Amsterdam	50
Do.	Steamship Aller	Bremen	171
Do.	Steamship Fulda	Genoa and Gibraltar	234
Aug. 18	Steamship Weimar	Bremen	328
Aug. 19	Steamship Chateau Lafite	Bordeaux	36
Do.	Steamship State of Nebraska	Glasgow	45
Do.	Steamship Southwark	Antwerp	218
Do.	Steamship Majestic	Liverpool and Queenstown	347
Aug. 20	Steamship Spree	Bremen	177
Do.	Steamship Norge	Copenhagen, etc.	195
Aug. 21	Steamship Donna Maria	Lisbon and The Azores	33
Do.	Steamship Columbia	Hamburg	248
Do.	Steamship Persia	do	357
Aug. 22	Steamship Sorrento	do	135
Do.	Steamship Paris	Southampton	166
Do.	Steamship Lucania	Liverpool and Queenstown	374
	Total		3,863

ED. F. MCSWEENEY,
Acting Commissioner of Immigration.

Report of immigration at Philadelphia for the week ended August 22, 1896.

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
Port of Philadelphia, August 22, 1896.

Number of alien immigrants who arrived at this port during the week ended August 22, 1896; also names of vessels and ports from which they arrived.

Date.	Vessel.	Where from.	No. of immigrants.
1896.			
Aug. 16	Steamship Belgenland	Liverpool and Queenstown	110
Do.	Steamship Illinois	Antwerp	157
	Total		267

JNO. J. S. RODGERS,
Commissioner of Immigration.

QUARANTINE REPORTS.

National quarantine stations.

[Vessels named only when detained or given treatment at quarantine.]

Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
Beaufort, N. C.	Aug. 15							No transactions	
Brunswick, Ga.	Aug. 22	Nor. bk. Vardoen*	Aug. 9	Bahia	Brunswick	Disinfected and held	Aug. 19		3
		Nor. bk. Habil*	Aug. 10	Rio Grande do Sul.	do	Disinfected	Aug. 20		
		Sp. bk. Antonio Jané*	do	Habana	do	do	Aug. 22		
		Sp. bk. Encarnacion	Aug. 19	do	do	Held for disinfection			
Cape Charles, Va.	do	Ger. ss. Polonia	Aug. 12	Vera Cruz	Newport News.	Disinfected and held	Aug. 17		2
Del. Breakwater, Del.	do								2
Eureka, Cal.	Aug. 12							No transactions	
Grays Harbor, Wash.	do							do	
Gulf, Ship Island, Miss.	Aug. 15	Swd. bk. Robertsfors*	July 28	Rio	Pascagoula	Disinfected and held	Aug. 11		
		Br. ss. Janita*	Aug. 2	do	do	do	Aug. 9		
		Am. sc. Hildegarde	Aug. 11	Frontera	do	do	Aug. 15		
		Am. bk. Clotilde	do	Santa Cruz	Mobile	do			
		Am. sc. Oscar G.	do	Habana	Pascagoula	do	Aug. 15		
		Am. sc. B. F. Nealley	Aug. 12	Cardenas	do	do			
		Am. sc. Florence and Lillian.	Aug. 15	Coatzacoalcos	do	do			
Newbern, N. C.	do							No transactions	
	Aug. 22							do	
Port Townsend, Wash.	Aug. 15	Am. str. City of Kingston.	Aug. 10	Victoria	Tacoma	54 pieces of baggage disinfected.	Aug. 15		4
San Diego, Cal.	do								2
South Atlantic, Blackbeard Island, Ga.	do	Nor. bk. Argo*	Aug. 4	Para	Wilmington, N. C.	Disinfected and held	Aug. 12	Remanded from Southport, N. C.	
		Am. bk. Henry A. Litchfield.*	Aug. 3	Colon	Brunswick	do		Remanded from Brunswick, Ga.	
		Nor. bk. Bygdo*	Aug. 6	San Juan	Wilmington, N. C.	Held for disinfection		Remanded from Southport, N. C.	
Southport, N. C.	Aug. 22	Nor. bk. Argo*	Aug. 15	So. Atlantic Quarantine.	do	Held for expiration of period of detention.	Aug. 16		1
Tortugas, Key West, Fla	Aug. 15	Am. bk. Rose Innes*	Aug. 2	Barbados	Tampa	Disinfected and held	Aug. 11		
		D. n. bk. Valparaiso*	Aug. 7	Rio	Apalachicola	do			
		Sp. ss. Francisco*	do	Cienfuegos	Charlotte Harbor.	do	Aug. 13		
		Am. bkn. Harriet S. Jackson.	Aug. 14	Habana	Apalachicola	do			
Washington, N. C.	Aug. 22							No transactions	

* Previously reported.

QUARANTINE REPORTS—Continued.

State and municipal quarantine stations.

[Vessels named only when detained or given treatment at quarantine.]

Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
Astoria, Oreg	Aug. 15								3
Charleston, S. C	do								2
	Aug. 22							No transactions	
Galveston, Tex	Aug. 15								22
Georgetown, S. C	Aug. 23							No transactions	
Mayport (Jacksonville), Fla.	Aug. 16								4
Mobile Bay, Ala	Aug. 15	Ital. bk. Columbus*	July 25	Rio	Mobile	Disinfected and held	July 13		6
		Nor. bk. New Zealand*	Aug. 6	Para	do	Held for disinfection			
		Br. ss. Adra*	Aug. 7	Vera Cruz	do	Disinfected and held	July 12		
		Nor. bk. Huano*	Aug. 8	Bahia	do	Held for disinfection			
		Am. sc. Tena A. Cotton	Aug. 9	Vera Cruz	do	Disinfected and held	July 15		
		Ger. ss. Senior	Aug. 10	Arroya via New York.	do	do	July 14		
		Br. ss. Vittoria	Aug. 11	Tampico	do	do	July 15		
		Nor. bk. Nordstjernau	do	Rio	do	Discharging ballast			
		Nor. bk. A. Tellesfen	do	Rosario	do	Held for disinfection			
		Ital. s. Federico	Aug. 15	Santos	do	do			
		Br. ss. Salamanca	do	Cardenas via Progresso.	do	do			
	Aug. 22	Nor. bk. New Zealand*	Aug. 6	Para	do	Disinfected and held	Aug. 16		6
		Nor. bk. Huano*	Aug. 8	Bahia	do	do	Aug. 19		
		Nor. bk. Nordstjernau*.	Aug. 11	Rio	do	do	Aug. 22		
		Nor. bk. A. Tellerfen*	do	Rosario	do	Held for disinfection			
		Ital. s. Federico*	Aug. 15	Santos	do	do			
		Br. ss. Salamanca*	do	Cardenas via Progresso.	do	Disinfected and held			
		Ital. bk. Angelo	Aug. 17	Rio	do	Held for disinfection			
		Am. ss. Miami	Aug. 21	St. Jago via Baltimore.	do	Disinfected and held			
		Am. sc. S. P. Hitchcock.	do	Tampico	do	do			
Newport News, Va	do								10
Newport, R. I	do							No transactions	

* Previously reported.

QUARANTINE REPORTS—Continued.

State and municipal quarantine stations—Continued.

Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.	Destination.	Treatment of vessels, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
New York, N. Y.	Aug. 22	Nor. ss. Terrier.	Aug. 16	Cienfuegos	New York	Ve sel disinfected; crew held for cleansing and disinfection.	Aug. 16		125
		Am. ss. Orizaba	Aug. 17	Tampico, Habana.	do	Vessel disinfected; 29 passengers held for completion of period of incubation.	Aug. 17		
		Am. ss. Yumuri	Aug. 18	Mexican ports and Habana.	do	Vessel disinfected; 30 passengers held for completion of period of incubation.	Aug. 18		
		Am. ss. Santiago	Aug 22	Nassau, Manzanillo, Cienfuegos, Santiago.	do	Vessel disinfected; 6 passengers held for period of incubation.	Aug. 22		
Port Royal, S. C.	do							No transactions	
Providence, R. I	do							do	
Sabine Pass, Tex	do								7
Savannah, Ga	Aug. 15	Gr. bk. Elise Schultze*	July 24	Buenos Ayres	Savannah	Disinfected and held.	Aug. 9		
		Nor. bk. Brodrene*	July 31	Pernambuco	do	do	Aug. 13		
		Nor. bk. Dr. Mezger*	Aug. 2	Bahia via St. Thomas.	do	do	do		

* Previously reported.

Reports of States and yearly and monthly reports of cities.

ALABAMA—*Mobile.*—Month of July, 1896. Estimated population, 31,076. Total deaths, 78, including phthisis pulmonalis, 11; enteric fever, 5, and diphtheria, 1.

CALIFORNIA.—Month of July, 1896. Reports to the State board of health from 45 cities, towns, and villages, having an aggregate population of 653,014, show a mortality of 911 deaths, including phthisis pulmonalis, 131; enteric fever, 14; scarlet fever, 1; diphtheria, 4; croup, 4, and whooping cough, 5.

MASSACHUSETTS—*North Attleboro.*—Month of July, 1896. Estimated population, 7,000. Total deaths, 11, including phthisis pulmonalis, 2, and diphtheria, 1.

MICHIGAN.—Week ended August 5, 1896. Reports to the State board of health, Lansing, from 52 observers, indicate that influenza, cholera infantum, consumption, and enteric fever increased, and that tonsillitis and inflammation of bowels decreased in area of prevalence. Phthisis pulmonalis was reported present during the week at 217 places, enteric fever at 55, scarlet fever at 20, diphtheria at 20, measles at 18, and whooping cough at 15 places.

MISSOURI—*Kansas City.*—Month of July, 1896. Estimated population, 165,000. Total deaths, 182, including phthisis pulmonalis, 6; enteric fever, 4; diphtheria, 4; measles, 2; croup, 1, and whooping cough, 7.

OHIO—*Cleveland.*—Month of July, 1896. Estimated population, 330,279. Total deaths, 617, including phthisis pulmonalis, 29; enteric fever, 13; diphtheria, 2, and measles, 4.

RHODE ISLAND—*Newport.*—Month of July, 1896. Estimated population, 21,500. Total deaths, 32, including 4 from phthisis pulmonalis and 1 from measles.

MORTALITY TABLE, CITIES OF THE UNITED STATES.

Cities.	Week ended.	Population, U. S. Census of 1890.	Total deaths from all causes.	Deaths from—										
				Phthisis pulmonalis.	Yellow fever.	Smallpox.	Varioloid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Allegheny, Pa	July 24	105,287	34	2						3		1		
Do	Aug. 1	105,287	42	1								2		1
Do	Aug. 8	105,287	36	2						4		2		
Do	Aug. 15	105,287	41	2						4		1		
Do	Aug. 22	105,287	44	3						2				
Ashtabula, Ohio	do	8,338	0											
Baltimore, Md	do	434,439	182	19						3		5		3
Binghamton, N. Y	do	35,005	9	1										
Boston, Mass	do	448,477	215	30						3		10	1	1
Braddock, Pa	Aug. 8	8,561	1											
Do	Aug. 15	8,561	8							1				
Brockton, Mass	Aug. 8	27,294	35	2										
Do	Aug. 15	27,294	27	2										1
Brooklyn, N. Y	Aug. 22	806,343	530	42						7	1	10	3	5

MORTALITY TABLE, CITIES OF THE UNITED STATES—Continued.

Cities.	Week ended.	Population, U. S. Census of 1890.	Total deaths from all causes.	Deaths from— Phthisis pulmonalis.	Yellow fever.	Smallpox.	Varloloid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Bucyrus, Ohio	Aug. 15	5,974	1											
Butler, Pa	Aug. 22	8,734	7									1		
Cambridge, Mass	do	70,028	28	4										
Charleston, S. C	Aug. 15	*54,955	†26	6										
Chicago, Ill	do	1,099,850	697	39						16		11	5	2
Cincinnati, Ohio	Aug. 21	296,908	106	11						4	1	3		
Cleveland, Ohio	Aug. 22	261,353	97	2						5		4		
Columbus, Ind	do	6,719	1											
Columbus, Ohio	do	88,150	25	6										1
Concord, N. H	Aug. 15	17,044	9											
Do	Aug. 22	17,044	5											
Council Bluffs, Iowa	Aug. 15	21,474	4	1										
Dayton, Ohio	Aug. 20	61,220	18	1						2				
Dedham, Mass	Aug. 15	7,123	3											
Denver, Colo	Aug. 16	106,713	34	7						2		1		
Dunkirk, N. Y	Aug. 15	9,416	0											
Elizabeth City, N. J	Aug. 22	37,764									1			
Emporia, Kans	Aug. 15	7,551	3											
Erie, Pa	Aug. 22	40,634	18	1						1				
Fall River, Mass	do	74,398	54	1										
Fitchburg, Mass	do	22,037	5	1										
Gloucester, Mass	Aug. 15	24,651	10											
Do	Aug. 22	24,651	11											1
Grand Rapids, Mich	do	60,278	22	2										
Haverhill, Mass	do	27,412	7	1						1				
Jacksonville, Fla	Aug. 15	17,201	19	2										
Do	Aug. 22	17,201	10											
Kalamazoo, Mich	Aug. 15	17,853	12											
Lowell, Mass	Aug. 22	77,696	47	2						1				2
Lynchburg, Va	do	19,709	5	1										
Massillon, Ohio	Aug. 8	10,092	4											
Do	Aug. 15	10,092	2											1
Medford, Mass	Aug. 22	11,079	5									1		
Melrose, Mass	Aug. 15	8,519	5							1				
Milwaukee, Wis	Aug. 22	204,468	84	4								2		
Minneapolis, Minn	Aug. 15	164,738	43	2						1		1		
Mobile, Ala	Aug. 22	31,076	20	1						1				
Nashville, Tenn	do	76,168	23	4										
New Bedford, Mass	do	40,733	33	4										1
Newburyport, Mass	Aug. 15	13,947	4											
New Orleans, La	do	242,039	116	17						6				2
Do	Aug. 22	242,039	164	20							1	1		
Newport, R. I	do	19,457	11											
New York, N. Y	do	1,515,301	822	87						10	1	12	5	7
Norristown, Pa	do	19,791	6											
Oneonta, N. Y	do	6,272	1											
Pensacola, Fla	do	11,750	6	1						1				
Philadelphia, Pa	Aug. 15	1,046,964	838	50						10	1	8	2	9
Do	Aug. 22	1,046,964	382	29						7		5		4
Pittsfield, Mass	do	17,281	12							1				
Portland, Me	do	36,425	17	1										
Poughkeepsie, N. Y	Aug. 15	22,206	7											
Do	Aug. 22	22,206	6	1										
Providence, R. I	do	132,146	62	5										1
Reading, Pa	Aug. 24	58,661	23	1						1				
St. Louis, Mo	Aug. 15	451,770	335	15						7		1		
Salt Lake City, Utah	do	44,843	16	1										1
San Diego, Cal	do	16,159	7											
San Francisco, Cal	do	298,997	105	12						2		2		1
Scranton, Pa	Aug. 22	75,215	40							1				
Seattle, Wash	Aug. 15	42,837	5											
Spokane, Wash	do	19,922	12	2										
Springfield, Mass	Aug. 22	44,179	18											
Taunton, Mass	do	25,448	8	1										
Urbana, Ohio	do	6,510	0											
Utica, N. Y	do	44,007	18	2						2		1		
Waltham, Mass	do	18,707	7											
West Newton, Mass	do	24,379	10											
Winona, Minn	Aug. 15	18,208	7	1										
Worcester, Mass	Aug. 14	84,655	57	5						1		1		
Youngstown, Ohio	Aug. 22	33,220	7	1							1			

* Estimated population, white, 28,870; colored, 36,295. Total, 65,165. † White, 7; colored, 19.

Table of temperature and rainfall, week ended August 24, 1896.

[Received from Department of Agriculture, Weather Bureau.]

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	*Excess.	*Defic'ncy.	Normal.	Excess.	Deficiency.
Atlantic Coast:						
Eastport, Me	60	0		.77		.27
Portland, Me	65		1	.84		.24
Northfield, Vt	62		2	1.11		.61
Boston, Mass	68		2	.98		.68
Vineyard Haven, Mass	71		3	1.14		.74
Nantucket, Mass	67		1	.70		.60
Woods Hole, Mass	68		2	.97		.57
Block Island, R. I	67		1	.77		.57
New Haven, Conn	68		2	1.12	.08	
Albany, N. Y	70		2	.91		.51
New York, N. Y	71		3	1.05		.65
Harrisburg, Pa	72		4	1.03		.83
Philadelphia, Pa	74		4	.98		.68
New Brunswick, N. J	73		5	1.14		.88
Atlantic City, N. J	70		0	1.15		1.05
Baltimore, Md	74		4	.91		.61
Washington, D. C	73		3	.86		.19
Lynchburg, Va	76		4	.91	.29	
Cape Henry, Va	76	6		1.22	.88	
Norfolk, Va	75	1		1.36		.36
Charlotte, N. C	76	0		1.18		.58
Raleigh, N. C	75	1		1.73	.27	
Kittyhawk, N. C	77	0		1.54	.46	
Hatteras, N. C	77			1.41		
Wilmington, N. C	77	1		1.66		.86
Columbia, S. C	78	2		1.54		1.54
Charleston, S. C	79	1		1.68		.88
Augusta, Ga	80	2		1.17		1.17
Savannah, Ga	79	1		1.79	.91	
Jacksonville, Fla	81	1		1.47		.07
Jupiter, Fla	82	0		1.16	1.14	
Key West, Fla	84	0		1.13		.83
Gulf States:						
Atlanta, Ga	77	3		1.05		.45
Tampa, Fla	81	0		2.17	3.13	
Pensacola, Fla	81	3		1.84		1.84
Mobile, Ala	80	4		1.54		.94
Montgomery, Ala	79	3		.91		.51
Meridian, Miss	78	4		.84	1.06	
Vicksburg, Miss	80	4		.77		.37
New Orleans, La	81	5		1.35		.75
Shreveport, La	82	4		.48		.48
Fort Smith, Ark	78	4		.84		.14
Little Rock, Ark	79		1	.93	.67	
Palestine, Tex	81	5		.63		.63
Galveston, Tex	82	2		1.34		1.24
San Antonio, Tex	82	4		.96	1.74	
Corpus Christi, Tex	81	1		.77		.77
Ohio Valley and Tennessee:						
Memphis, Tenn	78	0		.84		.54
Nashville, Tenn	76	0		.75		.15
Chattanooga, Tenn	77	1		.91	.69	
Knoxville, Tenn	74	2		.90		.60
Louisville, Ky	75		1	.78	.32	
Indianapolis, Ind	72		2	.70	.80	
Cincinnati, Ohio	74		4	.83		.03
Columbus, Ohio	71		3	.73	.37	
Parkersburg, W. Va	72		4	.90	.80	
Pittsburg, Pa	72		4	.70		.30
Lake Region:						
Oswego, N. Y	67		3	.56	.64	
Rochester, N. Y	67		1	.70		.30
Buffalo, N. Y	67		1	.70		.00
Erie, Pa	68		4	.77		.37
Cleveland, Ohio	68		4	.70		.30
Sandusky, Ohio	70		2	.70	.10	
Toledo, Ohio	69		3	.60	.40	
Detroit, Mich	68		4	.62		.42
Lansing, Mich	68		4	.63		.33
Port Huron, Mich	65		1	.56		.36
Alpena, Mich	62		2	.77		.07
Sault Ste. Marie, Mich	62		4	.61	.09	
Marquette, Mich	61		3	.66	.24	

*The figures in these columns represent the average daily departure.

Table of temperature and rainfall, week ended August 24, 1896—Continued.

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	*Excess.	*Defic'ncy.	Normal.	Excess.	Deficiency.
Lake Region—*Continued.*						
Green Bay, Wis	66		2	.63		.13
Grand Haven, Mich	65		1	.63		.53
Milwaukee, Wis	69		3	.60		.00
Chicago, Ill	70		2	.63	.27	
Duluth, Minn	63		1	.76		.76
Upper Mississippi Valley:						
St. Paul, Minn	68		2	.73		.73
La Crosse, Wis	68		4	.74		.44
Dubuque, Iowa	70		2	.66		.46
Davenport, Iowa	71		3	.77	.63	
Des Moines, Iowa	71		1	.70		.10
Keokuk, Iowa	73		3	.56		.56
Springfield, Ill	72		0	.56		.56
Cairo, Ill	76		2	.63	1.17	
St. Louis, Mo	77		1	.77		.67
Missouri Valley:						
Columbia, Mo	75		1	.53		.13
Springfield, Mo	75		3	.85	1.15	
Kansas City, Mo	74		2	.85	.45	
Wichita, Kans	78		0	.89		.89
Concordia, Kans	73		3	.63	.77	
Lincoln, Nebr	73		3	.85		.35
Omaha, Nebr	72		2	.71		.51
Sioux City, Iowa	71		3	.91		.61
Yankton, S. Dak	70		2	.70		.50
Valentine, Nebr	68		2	.48		.18
Huron, S. Dak	67		0	.56	.04	
Pierre, S. Dak	70		0	.35	.05	
Moorhead, Minn	64		0	.66		.36
Bismarck, N. Dak	66		0	.42	.68	
Williston, N. Dak	66		0	.22		.12
Rocky Mountain Region:						
Havre, Mont	64	2		.28		.28
Helena, Mont	65	3		.14		.04
Miles City, Mont	70		2	.21		.01
Rapid City, S. Dak	69		1	.28		.28
Spokane, Wash	67	3		.07		.07
Wallawalla, Wash	73	5		.07		.07
Baker City, Oreg	67	3		.01		.01
Winnemucca, Nev	68	2		.01	.19	
Salt Lake City, Utah	73		3	.17	1.03	
Lander, Wyo	66		2	.21	.09	
Cheyenne, Wyo	64		2	.35	1.75	
North Platte, Nebr	70		4	.56		.06
Denver, Colo	69		3	.35	.45	
Pueblo, Colo	72	0		.49	1.21	
Dodge City, Kans	75		1	.63		.53
Oklahoma City, Okla	80	2		.09		.59
Amarillo, Tex	73	1		.70		.50
Abilene, Tex	80	2		.63	.87	
Santa Fe, N. Mex	66	0		.52		.32
El Paso, Tex	80		2	.42	.28	
Phœnix, Ariz	88	0		.22	.18	
Pacific Coast:						
Tatoosh Island, Wash	57			.57		
Port Angeles, Wash	57			.14		
Fort Canby, Wash	59	1		.24		.24
Astoria, Oreg	64	0		.22		.22
Portland, Oreg	65	5		.14		.14
Roseburg, Oreg	66	6		.07		.07
Eureka, Cal	56	2		.02		.02
Red Bluff, Cal	80	2		.00		.00
Carson City, Nev	67	3		.06	.44	
Sacramento, Cal	73	1		.00		.00
San Francisco, Cal	60		2	.00		.00
Fresno, Cal	80	2		.00		.00
Los Angeles, Cal	73		3	.00		.00
San Diego, Cal	70	0		.00		.00
Yuma, Ariz	90	0		.08		.08

*The figures in these columns represent the average daily departure.

FOREIGN.

[Reports received from United States consuls through the Department of State and from other sources.]

Cholera and yellow fever as reported to the Supervising Surgeon-General United States Marine-Hospital Service, December 26, 1895, to August 27, 1896.

CHOLERA.

Places.	Date.	Cases.	Deaths.	Remarks.
Argentine Republic:				
Buenos Ayres	Dec. 21-Dec. 28	3	.....	
Austria-Hungary	Nov. 19-Dec. 2	43	25	From outbreak (August 23, 1896) to date 453 cases, 296 deaths.
	Dec. 10-Dec. 30	21	11	
	Dec. 31-Jan. 27	16	11	
Egypt:*				
Alexandria	Dec. 24-Dec. 31	.....	1	
	Dec. 29-Apr. 26	130	115	
	May 1-May 13	.....	145	
	May 14-May 20	.....	162	
	May 19-May 28	.....	202	
	May 29-June 7	.....	66	
	June 9-June 14	.....	15	
	June 15-July 20	.....	80	
Cairo	Dec. 7-Dec. 11	1	2	
	Jan. 10-Jan. 11	1	1	
	May 7-May 20	.....	138	
	May 19-May 28	.....	372	
	May 29-Juue 7	.....	246	
	June 9-June 14	.....	109	
	June 15-July 20	.....	159	
India:				
Bombay	Nov. 19-Dec. 24	.....	15	
	Jan. 14-Feb. 4	.....	8	
	Feb. 18-Feb. 25	.....	1	
	Mar. 3-Mar. 31	.....	18	
	Apr. 2-Apr. 28	.....	33	
	Apr. 28-June 30	.....	307	
	July 1-July 21	.....	47	
Calcutta	Nov. 10-Dec. 28	.....	332	
	Dec. 28-Jan. 4	.....	41	
	Jan. 4-Jan. 31	.....	165	
	Feb. 1-Feb. 29	.....	200	
	Mar. 1-Apr. 25	.....	1809	
	Apr. 25-May 30	.....	817	
	May 31-June 27	.....	167	
	June 27-Aug. 1	.....	54	
Madras	June 6-June 13	.....	3	
	July 4-July 17	.....	3	
Singapore	Mar. 1-Mar. 31	.....	4	
Japan:				
Yokohama	Nov. 8-Nov. 15	1	1	
	June 12-June 19	1	1	
	June 19-July 3	3	3	
Chiba Ken	Jan. 6-Jan. 25	20	13	
	Jan. 24-Feb. 16	23	16	
	July 2-July 11	1	.....	
Ibaraki Ken	Jan. 24-Feb. 3	3	.....	
	Feb. 12-Feb. 15	.....	2	
	July 2-July 11	2	1	
	July 13-July 21	2	1	
Fukuoka Ken	Feb. 29	1	.....	
	June 8-July 11	23	.....	
	July 13-July 21	5	.....	
Osaka Fu	Apr. 25	1	.....	
	Apr. 28-May 8	1	1	
	May 23-May 30	1	.....	
	June 8-June 17	1	.....	
	July 13-July 21	1	.....	
Miyazaki Ken	July 2-July 11	1	1	
Yamanashi Ken	June 24-July 13	3	.....	
Saitama Ken	June 24-July 3	1	.....	
	July 13-July 21	1	.....	
Okayama Ken	June 24-July 11	4	.....	
	July 13-July 21	1	.....	

*To date of July 20, 13,343 cases of cholera, with 11,099 deaths, have been reported throughout Egypt, and during the period from July 14 to July 20, 1896, there were 1,540 deaths from cholera in Egypt, exclusive of the cities of Alexandria and Cairo.

Cholera and yellow fever, etc.—Continued.

CHOLERA—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Japan—*Continued.*				
Ishikawa Ken	June 24-July 3	2		
Kioto Fu	June 17-July 3	2	1	
	July 13-July 21	1	1	
Hiogo Ken	June 17-July 11	4		
Kagawa Ken	June 17-July 21	3		
Kanagawa Ken	do	9	4	
Miyagi Ken	June 17-July 3	2	2	
Shidzuoka Ken	June 17-July 11	3	1	
	July 13-July 21	1		
Yamaguchi Ken	June 17-July 3	1	1	
Shimane Ken	Apr. 18	1		
Tokyo Fu	Apr. 17	1	1	
	June 8-June 17	4		
	June 24-July 11	31	5	
	July 13-July 21	10	4	
Gumma Ken	June 24-July 3	1		
Kochi Ken	do	1		
Tochigi Ken	June 24-July 11	2		
Wakayama Ken	June 24-July 3	1		
	July 13-July 21	2	1	
Yamaguchi Ken	June 24-July 3	1		
Yehime Ken	June 8-July 11	3		
	July 13-July 21	2		
Morocco:				
Casa Blanca	Jan. 11			Cholera reported.
Mazagan	do			Do.
Stellen	Dec. 15		13	
Russia:				
Kiev (government)	Oct. 13-Nov. 11	156	64	
	Nov. 11-Dec. 21	52	24	
	Dec. 22-Jan. 11	10	5	
	Jan. 12-Jan. 25	12	14	
St. Petersburg (government)	Nov. 17-Dec. 7	21		
	Dec. 8-Dec. 28	27	11	
	Dec. 29-Jan. 11	8	8	
	Jan. 12-Jan. 25	3		
	Feb. 1-Feb. 8	2		
Volhynia (government)	Oct. 13-Nov. 10	2,297	952	
	Nov. 10-Nov. 30	609	294	
	Dec. 1-Dec. 14	104	55	
	Dec. 14-Dec. 28	24	12	
	Dec. 29-Jan. 11		1	
Turkey:				
Constantinople	Dec. 17-Jan. 15	3	3	Reports dated January 21, 1896, state "about 1 death per week."
Brena	Jan. 17			Cholera reported.
Bitlis and Seert	Jan. 15-Jan. 20	11	7	
Diarbekir	Jan. 16			Cholera reported in 3 localities.
Gazran	Dec. 21-Jan. 14	67	42	

YELLOW FEVER.

Argentine Republic:				
Buenos Ayres	Mar. 1-Mar. 31		5	On vessels from Rio de Janeiro.
	Apr. 1-Apr. 30		3	
Brazil:				
Ceara	Nov. 30	1	1	
	Dec. 24-Dec. 31		4	
	Mar. 1-Mar. 31		3	
Rio de Janeiro	Nov. 9-Nov. 30		43	
	Dec. 1-Dec. 28		136	
	Dec. 28-Jan. 11		190	
	Jan. 11-Feb. 1		382	
	Feb. 1-Feb. 8		111	
	Feb. 8-Feb. 29		594	
	Mar. 1-Mar. 14		468	
	Mar. 14-Mar. 28		459	
	Mar. 28-Apr. 11		305	
	Apr. 11-June 27		376	
	June 27-July 11		9	
	June 27-July 18	20	13	
Nitheroy	Apr. 21			Yellow fever reported.
Pernambuco	Nov. 1-Nov. 15	8		
	Apr. 1-Apr. 30		8	
	May 1-May 31		2	

Cholera and yellow fever, etc.—Continued.

YELLOW FEVER—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Brazil—*Continued.*				
Bahia	Mar. 31			Yellow fever reported.
Sao Paulo	do			Do.
	Jan. 1-Jan. 31	5	3	
Araraguara	Apr. 4			Do.
Belem	do			Do.
Bicas	do			Do.
Barrado Pirahy	do			Do.
Campinas	Apr. 7-May 5	115		Do.
Casa Branca	May 5			Do.
Descalvado	Apr. 4			Do.
Dores de Pirahy	Apr. 11			Do.
Iahu	Apr. 4-May 5			Do.
Iaboticabal	do			Do.
Limeira	do			Do.
Leopoldina	Apr. 11			Do.
Parahybuna	Apr. 4			Do.
Porto Novo	Apr. 11			Do.
Sao Carlos de Pinhal	Apr. 4			Do.
San Joso Nepomuceno	do			Do.
Santos	Apr. 4-May 5			Do.
Parahyba do Sul Valenca	do			Do.
Rio Claro	do			Do.
Sorocaba	do			Do.
Uba	Apr. 11			Do.
Valenca	Apr. 4			Do.
Vassouras	do			Do.
Volta Grande	do			Do.
Cuba:*				
Buena Vista	Aug. 1			Yellow fever reported epidemic.
Caibarien	do			Do.
Camajuani	do			Do.
Cardenas	June 6-June 27	13	4	
	June 27-July 25	39	14	
	July 25-Aug. 15	63	17	
Cienfuegos	Dec. 8-Dec. 22		2	
	Dec. 29-Jan. 19		5	
	Feb. 16-Feb. 23		1	
	Apr. 19-May 3	1	1	
	May 25	1		
	June 1-June 7	9	2	
	June 14-June 28		9	
	June 28-July 26		39	
	July 26-Aug. 16		29	
Guantanamo	July 1-July 31		13	
Habana	Nov. 28-Dec. 19	40	14	
	Dec. 26-Jan. 2	7	3	In military hospital.
	Jan. 2-Mar. 28	40	14	
	Apr. 2-Apr. 30		13	
	May 1-May 28	53	26	
	May 28-June 18	59	29	
	June 18-June 25	20	9	
	June 25-July 9	105	45	
	July 9-July 23	115	46	
	July 23-July 30	90	40	
	July 31-Aug. 6	120	55	
	Aug. 6-Aug. 20	303	108	
Manzanillo	Mar. 15-Mar. 31		2	
Matanzas	June 17-June 24	56	42	
	June 24-July 8	124	85	
	July 8-July 29	200	134	
	July 29-Aug. 12		60	
Placetas	Aug. 1			Yellow fever reported epidemic.
Remedios	do			Do.
Santiago	Dec. 7-Dec. 21		29	
	Dec. 21-Dec. 28		12	
	Dec. 28-Jan. 4		15	
	Jan. 4-Feb. 15		47	
	Feb. 22-Feb. 29		15	
	Mar. 1-Apr. 4		20	
	Apr. 4-May 30		22	
	June 1-June 6		2	
	June 6-June 27		14	
	June 27-July 4		7	
	July 4-Aug. 1		71	
	Aug. 8-Aug. 15		27	

*Official reports of the Spanish army sanitary corps show that 1,835 cases of yellow fever were admitted to the Spanish military hospitals in Cuba during the twenty days ended July 20. During the same period there were in the hospitals 497 deaths from that disease.

Cholera and yellow fever, etc.—Continued.

YELLOW FEVER—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Cuba—*Continued.*				
Sagua la Grande	Dec. 1-Dec. 21	43	3	
	Dec. 25-Jan. 25	31	6	
	Feb. 1-Feb. 15	8	.....	
	Mar. 13-Mar. 20	5	.....	
	Apr. 4-Apr. 11	.....	3	
	May 11-May 18	.....	.....	Yellow fever reported.
	May 25-June 6	.....	30	Yellow fever reported among troops.
	June 6-June 27	171	14	
	July 4-July 18	124	15	
	July 18-Aug. 8	265	26	
Yaguajay	Aug. 1	.....	.....	Yellow fever reported epidemic.
Vueltas	do	.....	.....	Do.
Zulueta	do	.....	.....	Do.
Mexico:				
Acapulco	July 11-July 18	1	.....	
Tuxpan	Jan. 11-Jan. 25	.....	4	
Vera Cruz	May 21-May 28	5	.....	
	May 28-June 5	.....	.....	Yellow fever reported.
	July 29	3	.....	
	July 30-Aug. 13	6	.....	
Peru:				
Callao	Apr. 5	2	2	On vessels from Guayaquil.
Puerto Rico:				
San Juan	Nov. 29-Dec. 20	63	23	
	Dec. 20-Jan. 17	104	21	
	May 1-May 31	14	4	
	June 1-June 30	15	1	

CUBA.

Yellow fever and smallpox in Cuban seaports.

Under date of August 17 the United States consul at Cardenas reports that during the week ended August 15 there were 26 cases of yellow fever and 8 deaths therefrom in that city.

The United States consul at Cienfuegos reports 14 deaths from yellow fever and 27 deaths from smallpox in Cienfuegos during the week ended August 16.

The United States sanitary inspector at Habana reports that there were 56 deaths in that city from yellow fever during the week ended August 20.

The United States consul at Matanzas reports that during the week ended August 19 there were in Matanzas 29 deaths from yellow fever. He states that yellow fever is confined to the Spanish troops. No cases in the harbor.

SANTIAGO DE CUBA, *August 15, 1896.*

SIR: I have the honor of submitting the following report on the sanitary condition of Santiago de Cuba, for the week ended Saturday, August 15: One hundred and eight deaths have been registered, of which 24 were from smallpox, 27 from yellow fever, 8 from tuberculosis, 5 from dysentery, 10 from remittent fever, 12 from pernicious fever, and the rest from common diseases, acute and chronic, of noncontagious

character. Smallpox is gradually decreasing, and I expect by the end of September the epidemic to be over from want of new material. Yellow fever, on the contrary, is increasing daily, and the cases generally end fatally. Remittent fever and the pernicious form of malaria cause many deaths, and dysentery and diarrhea prevail to more or less extent.

Respectfully, yours, HENRY S. CAMINERO, M. D.,
Sanitary Inspector, U. S. M. H. S.

HABANA, CUBA, *August 21, 1896.*

Yellow fever among the Spanish troops in Habana and everywhere they go. BURGESS.
Sanitary Inspector, U. S. M. H. S.

Report of mortality in Guantanamo during July, 1896.

GUANTANAMO, *August 6, 1896.*

SIR: I have this day received from the president of the board of health the following note of deaths which have occurred during the month of July, excluding deaths among the troops: Common, 75 deaths; smallpox, 43 deaths; yellow fever, 13 deaths; total, 131 deaths.

I remain yours truly, M. MASON,
Consular Agent.

UNITED STATES CONSUL, *St. Jago de Cuba.*

STATISTICAL REPORTS.

ARGENTINE REPUBLIC—*Buenos Ayres.*—Month of May, 1896. Estimated population, 688,950. Total deaths, 1,045, including smallpox, 15; enteric fever, 24; scarlet fever, 21; diphtheria, 24, and whooping cough, 4.

BAHAMAS—*Dunmore Town.*—Four weeks ended August 14, 1896. Estimated population, 1,472. One death; no death from contagious disease.

Governors Harbor.—Two weeks ended August 15, 1896. Estimated population, 1,500. One death; no death from contagious disease.

Green Turtle Cay—Abaco.—Two weeks ended August 12, 1896. Estimated population, 3,900. No deaths.

BERMUDA.—Two weeks ended August 14, 1896. Estimated population, 15,013. No deaths.

BRAZIL—*Ceara.*—Month of May, 1896. Estimated population, 44,000. Total deaths, 140, including 3 from beriberi.

Month of June, 1896. Total deaths, 136, including 3 from beriberi.

CUBA—*Habana.*—Under date of August 22, 1896, the United States sanitary inspector reports as follows:

There were 236 deaths in this city during the week ended August 20, 1896. Fifty-six of those deaths were caused by yellow fever, with approximately 145 new cases; 13 were caused by enteric fever, 11 by so-called pernicious fever, 4 by paludal fever, 1 by diphtheria, 6 by dysentery, 14 by enteritis, 1 by cholera infantum, 23 by smallpox, 4 by pneumonia, and 32 by tuberculosis. Fifty of the 56 deaths by yellow

fever during the week occurred in the military hospital among the Spanish soldiers. Thus it will be seen that while yellow fever increases in the Spanish army it has not done so markedly among civilians in this city.

GREAT BRITAIN—*England and Wales.*—The deaths registered in 33 great towns of England and Wales during the week ended August 8 correspond to an annual rate of 21.4 a thousand of the aggregate population, which is estimated at 10,846,971. The highest rate was recorded in Birmingham, viz, 29.5, and the lowest in Burnley, viz, 13.2 a thousand.

London.—One thousand seven hundred and ninety deaths were registered during the week, including measles, 42; scarlet fever, 15; diphtheria, 54; whooping cough, 41; enteric fever, 10, and diarrhea and dysentery, 328. The deaths from all causes correspond to an annual rate of 21.1 a thousand. In greater London 2,432 deaths were registered, corresponding to an annual rate of 20.5 a thousand of the population. In the "outer ring" the deaths included 12 from diphtheria, 11 from measles, 22 from whooping cough, and 10 from scarlet fever.

Ireland.—The average annual death rate represented by the deaths registered during the week ended August 8 in the 16 principal town districts of Ireland was 20.6 a thousand of the population. The lowest rate was recorded in Dundalk, viz, 0.0, and the highest in Waterford, viz, 27.5 a thousand. In Dublin and suburbs 161 deaths were registered, including measles, 1; whooping cough, 4; diphtheria, 2, and enteric fever, 3.

Scotland.—The deaths registered in 8 principal towns during the week ended August 8 correspond to an annual rate of 15.4 a thousand of the population, which is estimated at 1,518,347. The lowest mortality was recorded in Edinburgh, viz, 11.5, and the highest in Glasgow, viz, 17.7 a thousand. The aggregate number of deaths registered from all causes was 449, including scarlet fever, 5; measles, 16; whooping cough, 13, and diphtheria, 3.

MEXICO—*Tampico.*—Month of July, 1896. Estimated population, 12,000. Total deaths, 38, including 1 from smallpox.

UNITED STATES OF COLOMBIA—*Barranquilla.*—Month of July, 1896. Estimated population, 40,000. Total deaths, 133, including 115 from measles.

WEST INDIES—*St. Christopher.*—Four weeks ended August 15, 1896. Estimated population, 31,000. Total deaths not reported. Fifteen deaths from measles.

MORTALITY TABLE, FOREIGN CITIES.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from— Cholera.	Yellow fever	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Acapulco	Aug. 8	5,000	8									
Aix la Chapelle	Aug. 1	111,309	73								1	1
Alexandria	June 10	231,396	218	23		1		1			1	1
Amapala	July 4	1,500	0									
Do	July 11	1,500	0									
Do	July 18	1,500	0									
Do	July 25	1,500	0									
Amherstburg	Aug. 15	2,300	1									
Amsterdam	Aug. 8	488,853	146					1	1	3	2	1
Belfast	Aug. 1	277,354	112					1	3	1	4	4
Do	Aug. 8	277,354	114					1	5		1	6
Belize	do	13,000	7									
Belleville	Aug. 17	10,459	5					1				
Birmingham	Aug. 8	501,241	280					1	3	8	4	10
Bluefields	do	3,000	3									
Bordeaux	July 4	252,102	106			1		2			5	1
Do	July 11	252,102	122								5	
Do	July 18	252,102	127					1			11	
Do	July 25	252,102	119			1					7	
Do	Aug. 1	252,102	105			1		1		1	6	
Do	Aug. 8	252,102	124								5	
Bradford	do	221,610	64						1			1
Bremen	Aug. 1	142,000	42									
Bristol	do	230,623	53						3			1
Do	Aug. 8	230,623							2		4	1
Brunswick	do	115,138						1	2	4		
Brussels	Aug. 1	507,985	190							1	9	
Cairo	June 10	374,838	580	133		4	1	7			31	
Callao	July 26	25,000	38			12						
Cardenas	Aug. 15	23,517	28		8			4				
Cardiff	Aug. 8	162,690	55							1	1	1
Chatham	Aug. 15	9,052	4					1				
Christiania	Aug. 8	182,856	115							2	4	4
Cienfuegos	Aug. 16	24,030	61		14	27						
Cognac	Aug. 8	21,000	9					1				
Cologne	Aug. 1	326,671	215						1		7	2
Colombo	July 11	130,000	93					5				
Corunna	do	32,113	21									
Do	July 18	32,113	26			1						
Do	July 25	32,113	25			2				1		
Do	Aug. 1	32,113	25							3		
Crefeld	Aug. 8	108,000								2	4	
Dublin	do	350,000	161				1	2				
Dundee	do	161,620	41									
Dusseldorf	Aug. 1	180,825	107							2		
Edinburgh	Aug. 8	276,514	61							1	2	3
Flushing	do	16,300	6									
Frankfort on the Main	do	233,000	81							1	1	2
Funchal	Aug. 1	35,665	26					7		1	1	
Gibraltar	Aug. 2	25,800	6							1		
Girgenti	Aug. 1	24,428	10									
Glasgow	Aug. 8	705,052	240					3	2	2	14	6
Gothenburg	Aug. 1	114,000	36									
Guayaquil	Aug. 7	50,000	45			1	17					
Halifax	Aug. 15	38,700	28									
Hongkong	July 18	232,662	(*)			2						
Konigsberg	Aug. 8	171,700						4				
Leeds	do	395,546	157					5	1	2	6	2
Leghorn	do	103,507	38					2				
Leith	do	74,110	22						2			
Licata	Aug. 1	20,000	14			1	2	2				
Liege	Aug. 8	160,848	45						1		2	1
Liverpool	do	641,063	278					3	1	2	1	
London, Canada	Aug. 15	34,429	8									
London, England	Aug. 8	6,178,376	2,432					22	25	66	53	
Lyons	Aug. 25	438,077	168					2	3			1
Do	Aug. 1	438,077	147					1	2	2		1
Madrid	Aug. 4	482,816	302			26		12		1	8	
Manchester	Aug. 8	531,697	227				1	2	2	1	6	2
Mannheim	Aug. 1	88,400	55					1				
Maracaibo	Aug. 8	50,000	20									
Matamoras	Aug. 14	8,000	2									
Matanzas	Aug. 12	55,000	86		28			22				

* Eight deaths from plague.

MORTALITY TABLE, FOREIGN CITIES—Continued.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from— Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Mayence	Aug. 8	74,917	30									2
Messina	do	107,000	27					3				
Montevideo	July 18	215,061	61			1				3		
Moscow	July 25	800,000	766				2		4	5	8	4
Do	Aug. 1	800,000	750				6		8	6	9	5
Munich	July 25	406,000	171						2	2		3
Newcastle on Tyne	Aug. 8	212,223	77							1	3	2
Nuremberg	July 25	165,283	48						1			1
Odessa	Aug. 1	353,000	276			3	1	2	12	3	2	4
Osaka and Hiogo	July 11	161,120	130			21		3				
Palermo	Aug. 1	273,000	119									
Plymouth	Aug. 8	89,686	34								1	1
Prague	Aug. 1	198,017	107					1	1	1	1	1
Puerto Cortez	Aug. 12	1,856	0									
Quebec	Aug. 15	70,000								1		
Rheims	Aug. 8	108,943	64									
Rotterdam	do	280,930	106						1	3	5	
Sagua la Grande	do	17,536	41		10							
St. Georges	do	2,150	0									
Do	Aug. 15	2,150	0									
St. Johns, Antigua	July 25	36,119	14									
Do	Aug. 1	36,119	10									
Do	Aug. 8	36,119	12									
Do	Aug. 15	36,119	19									
St. Petersburg	Aug. 1	1,013,000	657			3		21	13	18	12	2
St. Stephen	Aug. 15	3,000	0									
San Juan del Norte	Aug. 1	1,280	0									
Do	Aug. 8	1,280	1									
San Pedro	do	3,800	2									
Schiedam	do	26,233	13								3	
Sheffield	do	348,964	163					2	2	1	9	1
Southampton	do	94,093	41					1			6	
South Shields	do	92,773	37					1	1			1
Stettin	Aug. 1	142,000	110						1	2		
Stuttgart	Aug. 6	158,378	56								2	
Sunderland	Aug. 8	140,386	57					1			1	1
Tegucigalpa	Aug. 1	14,000	3									
Trapani	do	43,095	15									
Trieste	do	158,314	84						3	3	1	
Tuxpan	do	10,280	16									
Venice	do	161,480	73					1				1
Vera Cruz	Aug. 13	27,065	23									
Warsaw	Aug. 1	553,643	406			2	3	1	12	4	11	9
Zurich	do	149,000	35									1

By authority of the Secretary of the Treasury:

WALTER WYMAN,
Supervising Surgeon-General U. S. Marine-Hospital Service.

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